

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A dielectric antenna comprising:
a dielectric block; and
a radiation electrode, a feeding electrode and a fixing electrode ~~that are~~
provided ~~to~~ on the dielectric block,
wherein the dielectric block contains:
at least one crystalline thermoplastic resin selected from the group
consisting of polypropylenes, polyethylenes, polyethylene terephthalates,
polybutylene terephthalates, polyphenylene sulfides and polyacetals;
ceramic powder; and
an acid-modified styrenic thermoplastic elastomer, and
wherein the acid-modified styrenic thermoplastic elastomer content in
the dielectric block is 3% to 20% by volume.
2. (Original) The dielectric antenna according to Claim 1, wherein the
crystalline thermoplastic resin is at least one resin selected from the group consisting of
polypropylenes, polyethylenes, and polyacetals.
3. (Original) The dielectric antenna according to Claim 1, wherein the
crystalline thermoplastic resin is at least one resin selected from the group consisting of
polypropylenes and polyethylenes.
4. (Original) The dielectric antenna according to Claim 1, wherein the
crystalline thermoplastic resin is polypropylene.

5. (New) The dielectric antenna according to Claim 1, wherein the acid-modified styrenic thermoplastic elastomer is a maleic acid-modified styrenic thermoplastic elastomer.

6. (New) The dielectric antenna according to Claim 1, wherein the acid-modified styrenic thermoplastic elastomer is a carboxylic acid-modified styrenic thermoplastic elastomer.

7. (New) A dielectric block for a dielectric antenna, the dielectric block comprising:

at least one crystalline thermoplastic resin selected from the group consisting of polypropylenes, polyethylenes, polyethylene terephthalates, polybutylene terephthalates, polyphenylene sulfides and polyacetals;

ceramic powder; and

an acid-modified styrenic thermoplastic elastomer, and

wherein the acid-modified styrenic thermoplastic elastomer content in the dielectric block is 3% to 20% by volume.

8. (New) The dielectric block according to Claim 7, wherein the crystalline thermoplastic resin is at least one resin selected from the group consisting of polypropylenes, polyethylenes, and polyacetals.

9. (New) The dielectric block according to Claim 7, wherein the crystalline thermoplastic resin is at least one resin selected from the group consisting of polypropylenes and polyethylenes.

10. (New) The dielectric block according to Claim 7, wherein the crystalline thermoplastic resin is polypropylene.

11. (New) The dielectric antenna according to Claim 7, wherein the acid-modified styrenic thermoplastic elastomer is a maleic acid-modified styrenic thermoplastic elastomer.

12. (New) The dielectric antenna according to Claim 1, wherein the acid-modified styrenic thermoplastic elastomer is a carboxylic acid-modified styrenic thermoplastic elastomer.